

APTER POWER PRODUCT GUIDE

IMDSO14

Digital Output Module

ABB IMDSO14 is a sixteen-channel Harmony rack digital output module for 24 VDC or 48 VDC field circuits. It receives controller output states and applies them through the matched rack termination path.

Manufacturer	ABB
Model	IMDSO14
Product type	Digital Output Module
Product family	Harmony Rack I/O
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Product overview and identity

- Switches discrete field loads from controller commands
- Groups sixteen output points in the rack architecture
- Communicates through the I/O expander bus
- Provides front-panel status for service checks

Model configuration

Complete model	IMDSO14
Product type	Digital Output Module
System family	Harmony Rack I/O

2. Technical specifications

Output channels	16
Output voltage	24 VDC or 48 VDC
Controller function	Function Code 83

3. Functions, applications and components

Solenoid valve command circuits

Switches discrete field loads from controller commands

Interposing relay outputs

Groups sixteen output points in the rack architecture

Motor starter control

Communicates through the I/O expander bus

Discrete alarm and permissive outputs

Provides front-panel status for service checks

Associated system components

- Harmony mounting unit
- digital-output termination hardware
- 24 or 48 VDC field supply
- rack multifunction controller

4. Engineering FAQ and source record

How many field outputs are provided by IMDSO14?

IMDSO14 provides sixteen digital output channels.

Which field voltages are used with IMDSO14?

ABB lists 24 VDC and 48 VDC output service for IMDSO14.

Which controller function addresses IMDSO14?

ABB's Harmony material associates the module with Function Code 83.

How should IMDSO14 loads be made safe before replacement?

Move each controlled device to its engineered safe condition and isolate the field supply.

Official source

ABB Harmony Rack Controller Product Overview WBPEEUS230002B1

https://library.e.abb.com/public/1c7ed919c3349939c1256d29005d5c48/WBPEEUS230002B1_-_en_Harmony_Rack_Controller_Product_Overview.pdf

ASK FOR QUOTE

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